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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Jaroslaw J. Sydir et al.

Title: NETWORK PROCESSOR HAVING CRYPTOGRAPHIC PROCESSING INCLUDING AN AUTHENTICATION BUFFER

Docket No.: Intel-013PUS

Serial No.: 10/749,913

Filed: December 29, 2003

Due Date: N/A

Examiner: Nicole M. Young

Group Art Unit: 2109

**MS Amendment**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

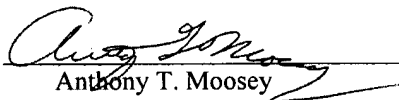
We are transmitting herewith the following attached items (as indicated with an "X"):

☒ Return postcard and transmittal document.

☒ Information Disclosure Statement (2 pgs.), Form 1449 (2 pgs.), and copies of 9 cited documents.

☒ Authorization to charge Deposit Account Number 50-0845 in the amount of \$180.00 to cover the fee for consideration of Information Disclosure Statement under 97(c).

Customer Number: 45780

By   
Anthony T. Moosey  
Reg. No. 55,773

**CERTIFICATE UNDER 37 CFR 1.8:** The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 6th day of March, 2007.

  
Shellie Bailey

(GENERAL)



10/749,913

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	Jaroslav J. Sydir et al.	Examiner:	Nicole M. Young
Serial No.:	10/749,913	Group Art Unit:	2109
Filed:	December 29, 2003	Docket:	Intel-013PUS
Title:	NETWORK PROCESSOR HAVING CRYPTOGRAPHIC PROCESSING INCLUDING AN AUTHENTICATION BUFFER		

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the referenced materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(c)(2), Applicants have included the fee of \$180.00 as set forth in 37 C.F.R. §1.17(p). Please charge any additional fees or credit any overpayment to Deposit Account No. 50-0845. The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications are no longer required to be provided to the Office. Notification of this change was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004. Thus, Applicant has not included copies of any US Patents or Published Applications cited with this submission. Should the Office require copies to be provided,

~~03/08/2007 HLE333 00000021 500845 10749913~~

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03/08/2007 HLE333 00000022 500845 10749913

01 FC:1806 180.00 DA

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Serial No :10/749,913

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Title: NETWORK PROCESSOR HAVING CRYPTOGRAPHIC PROCESSING INCLUDING AN AUTHENTICATION BUFFER

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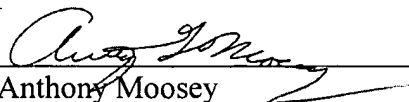
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Dkt: P17940

Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

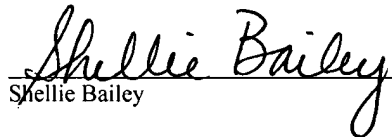
Respectfully submitted,

Date: March 6, 2007

By   
Anthony Moosey  
Reg. No. 55,773

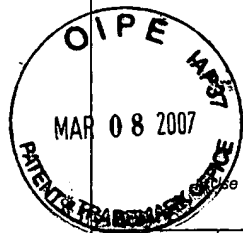
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Shellie Bailey

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT



(Use as many sheets as necessary)

Complete if Known

Application Number	10/749,913
Filing Date	December 29, 2003
First Named Inventor	Sydir, Jaroslaw
Art Unit	2109
Examiner Name	Young, Nicole

Sheet

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of

2

Attorney Docket No: Intel-013PUS

## US PATENT DOCUMENTS

Examiner Initial *	Cite No	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
		US-20030091036A1	05/15/2003	Milliken, W. C., et al.	10/03/2002
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## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T <sup>2</sup>
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## OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		"Product Brief: Intel IXP2855 Network Processor", Intel Corporation; <a href="http://intel.com/go/networkprocessors">intel.com/go/networkprocessors</a> , (2005), 8	
		"System Packet Interface Level 4 (SPL-4) Phase 2 Revision 1: OC-192 System Interface for Physical and Link Layer Devices", Optical Internetworking Forum, (October 15, 2003), 72	
		ACHARYA, M., et al., "Secure Comparison of Encrypted Data in Wireless Sensor Networks", (2002), 7	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Drg line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Complete if Known <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/749,913</td> </tr> <tr> <td>Filing Date</td> <td>December 29, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Sydir, Jaroslaw</td> </tr> <tr> <td>Art Unit</td> <td>2109</td> </tr> <tr> <td>Examiner Name</td> <td>Young, Nicole</td> </tr> </table>		Application Number	10/749,913	Filing Date	December 29, 2003	First Named Inventor	Sydir, Jaroslaw	Art Unit	2109	Examiner Name	Young, Nicole
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Art Unit	2109														
Examiner Name	Young, Nicole														
Sheet	2	of	2	Attorney Docket No: Intel-013PUS											

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
		BERGEN, C. , et al., "Streaming Interface (NPSI) Implementation Agreement", <u>The Network Processing Forum</u> , (October 18, 2002),87		
		CHOU, W. , "Inside SSL: Accelerating Secure Transactions", <u>IEEE, IT PRO</u> , (September 2002),37-41		
		PALKERT, T. , "Optical Internetworking Forum Report", <u>Network Elements Incorporated</u> , (November 4, 1999),15		
		PEREIRA, R. , et al., "The ESP CBC-Mode Cipher Algorithms", <u>Network Working Group Request for Comments: 2451</u> ; <a href="http://www.ietf.org/rfc/rfc2451.txt">http://www.ietf.org/rfc/rfc2451.txt</a> , (November 1998),14		
		RAMASWAMY, R. , et al., "Considering Processing Cost in Network Simulations", <u>ACM SIGCOMM Workshop</u> , (August 2003),47-56		
		VENKATACHALAM, M. , "Integrated Data and Control Plane Processing Using Intel(R) IXP23XX Network Processors", <u>Technology@Intel Magazine</u> , (February 2005),11		

EXAMINER

DATE CONSIDERED